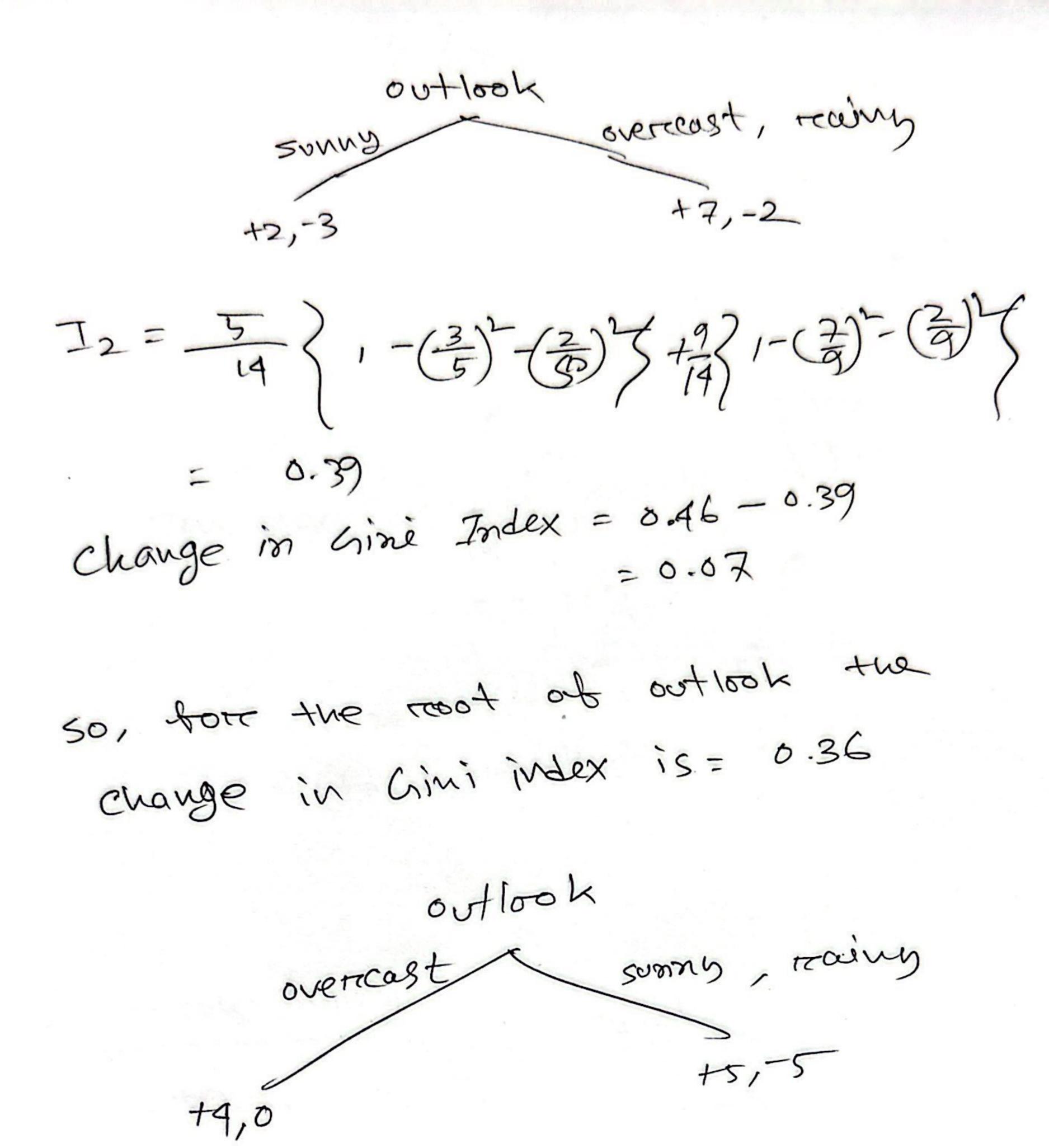
## Arterz using outlook

change in Gini index = 0.96 = 0.



$$accorcacy = \frac{3}{5}x100'1.$$

$$100 = 3$$
 $100 = 3$ 
 $100 = 3$ 
 $100 = 3$ 
 $100 = 3$ 

Covercage = 
$$\frac{5}{14} \times 100\%$$
  
=  $35.71\%$ 

Bule.

atter apply rules

(+2, -3) form along class = NO

So, +3, -2

Foil-aain = 
$$3(1092342 - 10929 + 5)$$

49, -5 45, +9 5000 + 1000 = 50000, 4000 = 1000 = 1000 43, -2 43, 0 5002 = 2 5002 = 2 4002 = 24002 =

$$\frac{4)}{e^{\pi c \pi c}} (M_0) = \frac{(30.5 + 32.2 + 20.4 + 20.6 + 31.0 + 41.0 + 27.7)}{(30.5 + 32.2 + 20.4 + 26.0)} / 10$$

$$= 27.72$$

$$= 27.72$$

$$= 27.72$$

$$= 27.72$$

$$\overline{e_{\pi\pi}} (M_2) = \left( \frac{22.9 + 19.5 + 19.6 + 20.7 + 20.4}{10.2 + 35.0} \right) / 10$$

= 10.03

$$e\pi\pi(M_1) - e\pi\pi(M_2) = 30.5 - 22.9 = 9.1$$
 $32.2 - 14.5 = 17.7$ 
 $20.7 - 22.9 = 1.7$ 
 $20.6 - 10.6 = 1$ 
 $31.0 - 20.7 = 10.3$ 
 $41.0 - 20.9 = 20.3$ 
 $27.7 - 22.2 = 5.5$ 
 $26.0 - 19.9 = 6.6$ 
 $21.5 - 16.2 = 5.3$ 
 $26.0 - 35.0 = -9$ 

Var 
$$(M_1-M_2)$$

=  $\frac{1}{k} = \frac{1}{k} = \frac{1}{$ 

force of degrass of travedom (10 round-1) and 5% signifiance level,

the creitical value, 2= 1.26

· +=3.23>主=1.26

so, null hypothesis is rec'tected.
so, mil and me has difference and one is better.

AS ETCTC(M2) > ETCTC(M2) So M2 is better 6) OR Function Linear equation: 0.5x, + 0.5x2-1.25=0 -Learning reate, x = 0.01 nated threeshold function new weight = old weight + & (Tanget - Production)x As hard throeshold then output = I · 0.521,+0.522-1.25 ≥ 0 then output =0 0.521, +0.522-1.25 <0 NZ XI 1St input input = 0,0 output= 0 [tarcolt] 0. EXO + 0. EXD - 1.52 =-1.25 20 staban on

OR Function Linear equation: 0.5x, + 0.5x2-1.25=0 - Learning reate, x = 0.01 nated threeshold function new weight = old weight + & (Tanget - Prediction)x As harred three-hold .. 0.5×1+0.5×2-1.25≥0 +ven output=1 o-treptro nent 0.521, +0.522-1.25 <0 2 XI 1St input input = 0,0 output= 0 [tarcolt] 0. EXO + 0. EXD - 1.52 =-1.25 20 Prediction stoban on

tors and input 1,0 = tupui [tarzoet] output = 1  $0\times0.5+1\times0.5-1.25$  =-0.75 < 0h(n) = 0 w(on) = 0 0x(0-1)10.0 + 2.0 =, tupison wan. = 0.5 new weight = 0.5 + 0.01 (1-0) x2 0.51 eq: 0.5x, + 0.51x2 - 1.25 = 0 Force twined input a la - tugui 0.2x1 +0.21x0-1.52 rotput = 1 = - 0.75 <0 n(m) = 0 new weight, = 0.5+ 0.01 (1-0)x 1 new weight = 0.51 + 0.01 (1-0) x0 = 0.5) eq: 0.517, + 45172=1.25=0

Farz 4th imput imput = 1,1 output = 1  $0.51 \times 0.5$   $0.51 \times 1 + 0.51 \times 1 - 1.25$  -0.23 < 0n(n) = 0 u(m) = 0 new weight, = 0.51 + 0.01 (1-0) × 1 = 0.52 new weight = 0.51+0.01(1-6)×1

equation: [0.522, +0.5222-1.25=0